

Abstract of Disclosure

[0054] A combined radiator and charge air cooler package comprises a radiator for cooling engine coolant, and a charge air cooler for cooling charge air having upper and lower portions. The upper charge air cooler portion is disposed in overlapping relationship and adjacent to the upper end of the radiator, and the lower charge air cooler portion is disposed in overlapping relationship and adjacent to the lower end of the radiator, on the face side thereof. Ambient air may flow in series through the upper end of the radiator and the upper charge air cooler portion, and through the lower charge air cooler portion and the lower end of the radiator. The charge air cooler portions are operatively connected such that the charge air may flow between the lower manifold of the upper charge air cooler portion and the upper manifold of the lower charge air cooler portion.